



MATERIAL:

- SHELL : MACHINED ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- INSERT RETENTION PLATES : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- POLARIZING RETENTION PLATE : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- POLARIZING POST : MACHINED ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- GROUNDING SPRING : BERYLLIUM COPPER PER ASTM B 194
- INSERTS : REINFORCED EPOXY RESIN PER ASTM D 5948 OR HIGH GRADE THERMOPLASTIC PER MIL-P-46183
- GROMMETS AND O'RING SEALS AND STABILIZER SEAL : FLUOROSILICONE PER SAE AMS-R-25988
- CONTACT RETENTION CLIPS : BERYLLIUM COPPER PER ASTM B 194 OR 196
- CONTACTS :
  - BODY : BERYLLIUM COPPER PER ASTM B 196 AND LEADED NICKEL COPPER
  - PROTECTIVE SLEEVE : STAINLESS STEEL PER SAE AMS-5514
- COVER : THERMOPLASTIC ELASTOMER
- SEALING PLUGS : PTFE PER ASTM D 1710 OR EQUIVALENT
- SCREWS AND WASHERS : CORROSION RESISTANT

FINISH:

- SHELL : YELLOW CHROMATE OVER CADMIUM PER SAE AMS-QQ-P-416, TYPE II OVER ELECTROLESS NICKEL PER SAE AMS-2404
- INSERT RETENTION PLATES : BLUE ANODIZED PER MIL-A-8625
- POLARIZING RETENTION PLATE : BLUE ANODIZED PER MIL-A-8625
- POLARIZING POST : YELLOW CHROMATE OVER CADMIUM PER SAE AMS-QQ-P-416, TYPE II
- GROUNDING SPRING : TIN LEAD OVER ELECTROLESS NICKEL PER SAE AMS-2404
- SIZE 8 CONTACT RETENTION CLIPS : GOLD PER SAE AMS-2422 OVER NICKEL PER AMS 2403
- CONTACT BODY : PLATING .00005 INCH OF GOLD PER SAE AMS-2422 OVER NICKEL PER AMS 2403
- CONTACT PROTECTIVE SLEEVE : PASSIVATED

NOTES:

- INSERT LAYOUT :
    - CAVITY A : 150 FOR REAR RELEASE, REAR REMOVABLE SIGNAL CONTACTS
    - CAVITY B : 100 FOR REAR RELEASE, REAR REMOVABLE SIGNAL CONTACTS
    - CAVITY C : 150 FOR REAR RELEASE, REAR REMOVABLE SIGNAL CONTACTS
    - CAVITY D : 20T4 FOR REAR RELEASE, REAR REMOVABLE POWER AND COAX OR TRIAX CONTACTS
- SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL

- CONNECTOR SUPPLIED WITH:

- 406 SIZE 22 CRIMP PIN CONTACTS P/N : 618200 (UNINSTALLED)
- 21 SIZE 20 CRIMP SOCKET CONTACTS P/N : 618310 (UNINSTALLED)
- 61 SIZE 22 SEALING PLUGS P/N : 616910 (UNINSTALLED).
- 3 SIZE 20 SEALING PLUGS P/N : 616911 (UNINSTALLED)

- MARKING : CONNECTOR AND PACKAGING MUST BE MARKED WITH : MPXE3A228S00\*\* + DATE CODE  
(Code \*\* : see note 1 page 1)

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